

Title (en)  
User interface for a touchscreen display

Title (de)  
Benutzerschnittstelle für eine Berührungsbildschirmanzeige

Title (fr)  
Interface d'utilisateur pour affichage tactile

Publication  
**EP 2312427 A3 20110914 (EN)**

Application  
**EP 10187481 A 20101013**

Priority  
• US 25117909 P 20091013  
• US 25118809 P 20091013

Abstract (en)  
[origin: EP2312427A2] A device, which may have a touchscreen display, and methods for its operation are provided using a graphical user interface and an overlay user input interface such as a virtual keyboard. The graphical user interface may include one or more user interface elements displayed in a first region of the display that are actuatable to invoke a corresponding function. When the virtual keyboard is invoked for display in the same region, the underlying graphical user interface is redrawn with a further user interface element corresponding to at least one of the user interface elements previously displayed in the first region, so that the further user interface element is actuatable to invoke a command to carry out the corresponding function. In another embodiment, the virtual keyboard may be modified instead to provide an action key corresponding to a function related to an application executing on the device.

IPC 8 full level  
**G06F 3/048** (2006.01)

CPC (source: EP US)  
**G06F 3/0481** (2013.01 - US); **G06F 3/04886** (2013.01 - EP US)

Citation (search report)  
• [X] US 2006033724 A1 20060216 - CHAUDHRI IMRAN [US], et al  
• [A] EP 1898283 A2 20080312 - EGO ELEKTRO GERAETEBAU GMBH [DE]

Cited by  
CN109643215A; GB2487606A; US10956036B2; US10949075B2; US9639234B2; US9690445B2; WO2017065988A1; WO2011134078A1; WO2015094824A1; WO2017044176A1; US9436385B2; US9310990B2; US10120550B2; US10725632B2; US11126329B2; US11422681B2

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2312427 A2 20110420; EP 2312427 A3 20110914; EP 2312427 B1 20130918**; CA 2717553 A1 20110413; CA 2717553 C 20150630; US 2011087990 A1 20110414; US 9116615 B2 20150825

DOCDB simple family (application)  
**EP 10187481 A 20101013**; CA 2717553 A 20101013; US 90342310 A 20101013